



LLANGOLLEN URBAN DISTRICT COUNCIL

A N N U A L R E P O R T S

of the

MEDICAL OFFICER OF HEALTH

and


PUBLIC HEALTH INSPECTOR,

for the year ended December 1972.

J.Gareth M.Williams,
Medical Officer of Health.

H.G. Fawcett,
Public Health Inspector.

October, 1973.



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LLANGOLLEN URBAN DISTRICT COUNCIL

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH
FOR 1972.

I have the honour to present my Annual Report on the Health and Vital Statistics of the Urban District for 1972.

As usual I would wish to record my thanks to all my colleagues on the Council staff for their co-operation and also to the Chairman and Members of the Health and Housing Committee for their kindness throughout the year.

Yours sincerely,

J.Gareth M.Williams,
Medical Officer of Health.

October, 1973.

CYNGOR DOSBARTH DINESIG LLANGOLLEN.

ADRODDIAD BLYNYDDOL Y SWYDDOG MEDDYGOL AM 1972.

Mae'n anrhydedd gennyf gyflwyno fy Adroddiad Blynyddol ar Iechyd ac Ystadegau Bywydol y Dosbarth Dinesig am 1972.

Fel arfer, dymunaf gofnodi fy niolch i'm holl gyd-swyddogion a staff y Cyngor am eu cydweithrediad a hefyd gadeirydd ac aelodau'r Fwyllgor Iechyd a Thai am eu caredigrwydd drwy gydol y flwyddyn.

Yr eiddoch yn gywir

J.Gareth M.Williams,
Swyddog Meddygol.

Hydref 1973.

GENERAL STATISTICS.

Area of District in Acres.....	3,107.
Registrar General's estimate of population.....	2,930.
Number of Inhabited Houses.....	1,177.
Rateable Value.....	£277,818.
Product of Penny Rate (New).....	£ 2,580.

POPULATION.

The estimated mid-year population of 2,930 shows a decrease of 110 on the 1971 figure.

VITAL STATISTICS.

1. LIVE BIRTHS.

The total number of 40 is made up of 26 males and 14 females. 3 illegitimate births are included. The total is exactly the same as for 1971 and one less than the 1970 total of 41.

All births took place in hospital.

2. STILL BIRTHS.

It is pleasing to record that no still births occurred during the year and our still-birth rate was therefore NIL. The England and Wales Still birth rate of 12 is exactly the same as 1971 and is the lowest ever recorded.

In Llangollen one still birth occurred during each of the preceding 4 years 1971, 1970, 1969 and 1968; 3 in 1967, with Nil figures also for 1966 and 1965.

3. BIRTH RATE: (Comparability factor 1.12).

The crude birth rate per 1000 population was 13.7. This gives an adjusted rate of 15.3 which is the same as 1971 and is the lowest for some years. The England and Wales rate of 14.8 is considerably lower than the 1971 rate of 16.0 and is in fact the lowest rate since the mid-thirties.

4. DEATHS.

The total number registered during the year was 45 (29 male and 16 female) - a decrease of 2 on the 1971 total.

The following table sub-divides the deaths into age groups :

Age group.	Males.	Females.
Under 4 weeks.	Nil.	1.
4 weeks - 15 years.	Nil.	Nil.
15 years - 24 years.	Nil.	Nil.
25 years - 34 years.	Nil.	Nil.
35 years - 44 years.	Nil.	Nil.
45 years - 54 years.	1.	1.
55 years - 64 years.	6.	1.
65 years - 74 years.	10.	3.
75 years and over.	12.	10.
TOTALS:	29.	16.

5. CAUSES OF DEATH.

Diseases of the Heart & Circulation.....	29.
Cancer.....	8.
Diseases of the Respiratory System.....	4.
Other causes.....	4.

TOTAL:45.

It will be seen that diseases of the Heart and Circulation account for almost $\frac{2}{3}$ the grand total - a larger proportion than that shown in England and Wales generally which is nearer 50%. Eight of these deaths were due to coronary thrombosis and 16 due to strokes.

As in England and Wales also cancer is the second largest category; though claiming five fewer victims than in 1971.

Respiratory disease is also the third largest single category in England and Wales. 5 deaths occurred from this cause in 1971.

"Other causes" include Birth injury and kidney disease.

6. INFANT DEATHS. (under 1 year of age).

Only one such death occurred during the year in a newly born premature infant.

This gives an Infant Mortality Rate of 25 (deaths under 1 year per 1000 live births) and a Neonatal Mortality Rate of 25 (deaths under 4 weeks per 1,000 live births).

In England and Wales the Infant Mortality Rate was 17 (the lowest ever recorded) as compared to 18 in the four previous years and the Neonatal Rate 12.

7. DEATH RATE. (Comparability factor 0.97).

The crude death rate for the district was 15.4 and the adjusted figure 14.9 (deaths per 1000 mid-year population) - as compared to the 1971 figure of 13.8. The England and Wales figure of 12.1 was slightly higher than that for 1971 (11.6).

8. INFECTIOUS DISEASES.

Only 2 were notified during the year. One was a case of Infective Jaundice and the other a case of Benign Tertian Malaria contracted in the Far East.

In 1971 37 cases were notified, 35 of which were Measles.

9. IMMUNISATION AND VACCINATION.

(a) Diphtheria, Whooping Cough & Tetanus (Triple Antigen).

Number of primary courses of 3 completed - 15.
Number of booster doses given - Nil.

(b) Diphtheria & Tetanus.

Number of Booster doses given - 11.

(c) Poliomyelitis.

Number of primary courses of 3 completed - 14.
Number of booster doses given - 20.

(d) Smallpox.

Number of primary vaccinations - 9.
Number of re-vaccinations - 2.

(e) Measles.

Number of vaccinations - 7.

(f) German Measles.

Number of vaccinations - 43.

10. CHIROPODY SERVICE.

No. on Register at 31.12.1972.	No. of sessions held.	Total attendances.	No. on waiting list at 31.12.72.
112.	54.	332.	Nil.

J. Gareth M. Williams,
Medical Officer of Health.

The following is a statement of the number and nature of inspections made during the year, under the various Acts, Orders and Byelaws within the area :

Summary of Notices served.

Water Supply.

The following reports indicate quality of the water supply :

The unsatisfactory private supplies were under investigation at the end of the year.

Chemical Analysis of Public Supply.

Appearance.....	clear and colourless.
Odour.....	Nil.
Reaction pH.....	7.2
Colour (Hazen Units).....	less than 5 parts per million.
Total solids.....	105
Nitrogen as free and saline ammonia.....	0.00
Nitrogen as albuminoid ammonia.....	0.00
Nitrogen as nitrites.....	Nil.
Nitrogen as nitrates.....	Less than 0.5.
Chlorides as Cl.....	15
Oxygen absorbed from permanganate in 4 hours at 27°C.....	6.2
Total hardness.....	67
Temporary hardness.....	34
Permanent hardness.....	33
Alkalinity.....	34
Total residual chlorine.....	Nil.
Free available chlorine.....	Nil.
Potassium, as K.....	1.0
Anionic synthetic detergents.....	-
Manganese, as Mn.....	-
Cyanides and thiocyanates.....	-
Poisonous metals.....	Nil.

Opinion: The chemical condition of this water is satisfactory.

DRAINAGE AND SEWERAGE.

Investigation work continued into the overloading of the Sewage Treatment Works by infiltration water into the older sewers.

Contracts for phase 1 and 2 were completed and a further contract for phase 3 was let and work was in progress at the end of the year.

Constructional work has been completed at the following locations :-

Parade Street: The branch sewer that used to discharge into the river has been diverted and now discharges into the main sewer line in Dee Lane. Three exploratory manholes have been constructed, one in West Street, Princess Street and East Street.

A5 Sewer extension: The A5 sewer extension is complete and the pumping station for the Maesmawr Road Estate has been dismantled.

West Street: During the construction of the exploratory manhole in West Street it was found that a length of sewer had collapsed and was leaking. This length of sewer was reconstructed and a surface water sewer incorporated in the same trench.

East Street: A length of sewer has been relaid to separate foul from a large volume of infiltration and surface water which had been entering the foul sewers.

The results of samples taken by the Dee and Clwyd River Authority indicates that the quality of the effluent from the sewage disposal works is satisfactory.

PUBLIC CLEANSING.

Refuse collection is carried out by direct labour, all premises except for outlying houses receive a weekly collection.

The outlying premises receive a fortnightly collection.

The method of disposal is by controlled tipping at the Council's refuse tip at Wenffrwd which has now been extended by the purchase of additional land adjacent to the old site.

Business premises especially catering establishments may have additional collections based on a fixed charge, there is also a charge for persons transporting their own trade waste to the refuse tip for disposal by the Council.

HOUSING.

Four dwelling houses were erected by private enterprise during the year.

During the year the Contracts were completed for the erection of dwellings at Aberadda and Hermitage.

The accommodation consists of :

Aberadda: 4 Single bedroom accommodation,
10 Two bedroom accommodation,
together with ten lock-up garages.

Hermitage: 12 Three bedroom accommodation,
8 Two bedroom accommodation.

10 of the three bedroom bungalows have garages attached and there is also a block of four lock-up garages.

STANDARD AND DISCRETIONARY IMPROVEMENT GRANTS.

The Council approved eight applications for Standard Improvement Grants and fourteen applications for Improvement Grants during the year.

RODENT CONTROL.

The Council have one trained rodent operator who gives part of his time to this service. Two comprehensive sewer treatments were carried out successfully during the year and numerous minor treatments were given to infestations of both rats and mice in private houses.

MOVEABLE DWELLINGS.

There are six caravans sited on one farm and one on another farm in the area for which a licence has been granted under the provisions of the Caravan Sites and Control of Development Act 1960.

There is no organised camping site in the area and during the summer months scores of tents are set up in the fields around the Town. On the whole the parties are well organised and orderly and very few complaints were received about unruly conduct.

In July the Cheshire and North Wales Centre of the Caravan Club held a Rally in the area. The organisation was excellent and this has now become an annual event.

FOOD INSPECTIONS.

Nine visits have been made to premises where food is prepared and sold for human consumption.

The standard of cleanliness and management is well maintained.

The following table gives details of the foodstuffs which have been condemned as unfit during the year.

	<u>cwt.</u>	<u>lbs.</u>
Canned Meats.....		21.
Other Canned Foods.....	2.	62.
Other Foods.....		9.
	<u>2 cwt.</u>	<u>92 lbs.</u>

ICE CREAM.

34 premises are registered under the Food and Drugs Act for the sale of prepacked Ice cream only.

Periodic visits are made to ensure that the premises and apparatus conform with the provisions of the Food and Drugs Act.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963:

Registrations and General Inspections.

Class of premises.	Number of premises registered during the year.	Number of registered premises at end of year.	Number of registered premises receiving a general inspection during the year.
Offices.	-	18	16
Retail Shops.	-	30	17
Wholesale Shops, Warehouses.	-	4	4
Catering establishments open to the public, canteens.	-	13	13
Fuel storage depots.	-	-	-
TOTALS:	-	65	50

Total number of visits of all kinds to registered premises under the Act..... 50.

REPORTED ACCIDENTS.

Workplace.	Number Fatal.	Reported Non-Fatal.	Total No. investigated.	Action Recommended.			
				Prosecution.	Formal warning.	Informal advice.	No action.
Offices.							
Retail shops.							
Wholesale shops							
Warehouses.	Nil.	6.	6.	Nil.	Nil.	4.	2.
Catering establishments open to public, canteens.							
Fuel storage depots.							
TOTALS:		6.	6.			4.	2.

FACTORIES.

Inspections for purposes of provisions as to health.

	No. on Register.	Inspections.	NUMBER OF	
			Written notices.	occupiers prosecuted.
(1) Factories in which Sections 1,2,3,4 & 6 are to be enforced by the Local Authority.	2	-	Nil.	Nil.
(2) Factories not included in (1) in which Section 7 is enforced by the Local Authority.	22	2	Nil.	Nil.
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises).	2	-	Nil.	Nil.
TOTALS:	26	2	Nil.	Nil.

Yours obediently,

(SIGNED) H.G. FAWCETT,
Public Health Inspector.

